



ENV-A 705 ANNUAL EMISSION FEE

The Annual Emission Fee now consists of two components:

Baseline Emission Fee	Env-A 705.02(a)(1), and
Emission-Based Fee	Env-A 705.02(a)(2)

The Annual Emissions Fee (consisting of both the Baseline Emission Fee and Emission-Based Fee) **shall be paid no later than May 15th** for the previous year's emissions. Env-A 705.05(a).

Annual Emission Statements (including NO_x and VOC Emission Statements) **are still due no later than April 15th** for the previous year's emissions.

Annual - Env-A 907.02(b), NO_x - Env-A 909.02, VOC - Env-A 908.02

DETERMINATION OF BASELINE EMISSION FEE

Permitted sources shall pay an annual Baseline Emissions Fee. Env-A 705.06(a)

The annual Baseline Emission Fee shall be \$500 except as follows:
Env-A 705.06(b)

a. Each source that emits VOCs or RTAPs that are subject to Env-A 1400 from non-combustion processes shall pay a \$750 annual baseline emission fee for the first VOC or RTAP emissions unit, and a \$500 annual fee for each additional non-combustion VOC or RTAP emissions unit, up to a maximum of 10 non-combustion VOC or RTAP emissions units. Env-A 705.07(a)

b. Each Title V landfill shall pay a \$25,000 annual baseline emission fee.
Env-A 705.07(b)

c. Each electric generating unit (EGU) that is capable of generating between 10 and 25 megawatts (MW) electrical power, including municipal waste combustors that are subject to Env-A 3300, but excluding stand-alone simple cycle gas turbines, shall pay a \$20,000 annual baseline emission fee. Env-A 705.07(c)

d. Each non-nuclear EGU that is capable of generating greater than or equal to 25 MW electrical output shall pay a \$75,000 annual baseline emission fee.

Env-A 705.07(d)

Each Title V source not included in a. through d., above, shall pay an annual baseline emission fee of \$1,500. Env-A 705.07(e)

CALCULATION OF EMISSION-BASED FEE

In addition to the Baseline Emission Fee, permitted sources shall pay an annual Emission-Based Fee.

The annual Emission-Based Fee is the Total Adjusted Annual Actual Emissions multiplied by the dollar per ton rate. Env-A 705.04(a)(5)

CALCULATION OF TOTAL ADJUSTED ANNUAL ACTUAL EMISSIONS

If a source's actual annual emissions, as determined by Env-A 705.03, are less than or equal to 250 tons then:

Total Adjusted Annual Actual Emissions = actual annual emissions

If a source's actual annual emissions, as determined by Env-A 705.03, exceed 250 tons then those emissions must be adjusted by the formula:

Total Adjusted Annual Actual Emissions = $(250 + ((\text{actual annual emissions} - 250) \times 1.1))$
Env-A 705.04(c)

CALCULATION OF THE DOLLAR PER TON RATE

The dollar per ton rate is calculated by multiplying the annual cost of the permit program operation and the consumer price index multiplier. Env-A 705.04(b)(1)

For calendar year 2019 emissions this would be:

$$\$3,500,000 \times 1.0432 = \$3,651,200$$

Subtract the total administrative fees (Baseline Emission Fee) Env-A 705.04(b)(2)

$$\$3,651,200 - \$966,500 = \$2,684,700$$

Subtract the total General Funds allocated to ARD for FY20

$$\$2,684,700 - \$500,000 = \$2,184,700$$

Dividing the remainder by the statewide Total Adjusted Annual Actual Emissions from the previous year yields the dollar per ton. Env-A705.04(b)(3)

$$\$2,184,700 / 10,045 \text{ tons} = \$217.50$$

The dollar per ton rate for calendar year 2019 emissions is \$217.50

The annual Emission-Based Fee is then:

$$\text{Emission-Based Fee} = \text{Total Adjusted Annual Actual Emissions} * \$217.50/\text{ton}$$

SUMMARY OF CHANGES TO THE ANNUAL EMISSIONS–BASED FEE

The Annual Emission Fee now consists of two components:

Baseline Emission Fee	Env-A 705.02(a)(1), and
Emission-Based Fee	Env-A 705.02(a)(2)

The \$/ton fee rate will be set at least 8 months prior to the due date of the Annual Emission Fee. Env-A 705.04(d)(2). (ARD is late this year because the rules were not adopted until the end of October)

Annual Emission Statements, NOx and VOC Emission Statements are still due no later than April 15th for the previous year's emissions.

Annual - Env-A 907.02(b), NOx - Env-A 909.02, VOC - Env-A 908.02

The Annual Emissions Fee (consisting of both the Baseline Emission Fee and Emission-Based Fee) shall be paid no later than May 15th for the previous year's emissions. Env-A 705.05(a).

There is no longer a one-ton minimum, the Annual Emission Fee will be the Emission-Based Fee (the fraction of tonnage multiplied by the \$/ton rate) added to the applicable Baseline Emission Fee. For example, if a source has 2019 emissions of 0.5 tons and an applicable Baseline Emission Fee of \$500 then the Annual Emission Fee would be:

$$\$500 + (0.5 * \$217.50) = \$608.75$$

The Inventory Stabilization Factor (ISF) is no longer part of the \$/ton calculation.

If a source had zero hours of operation and zero emissions but still maintains its permit, then only the \$500 Baseline Emission Fee applies. Env-A 705.06(c)